

FIG. 2

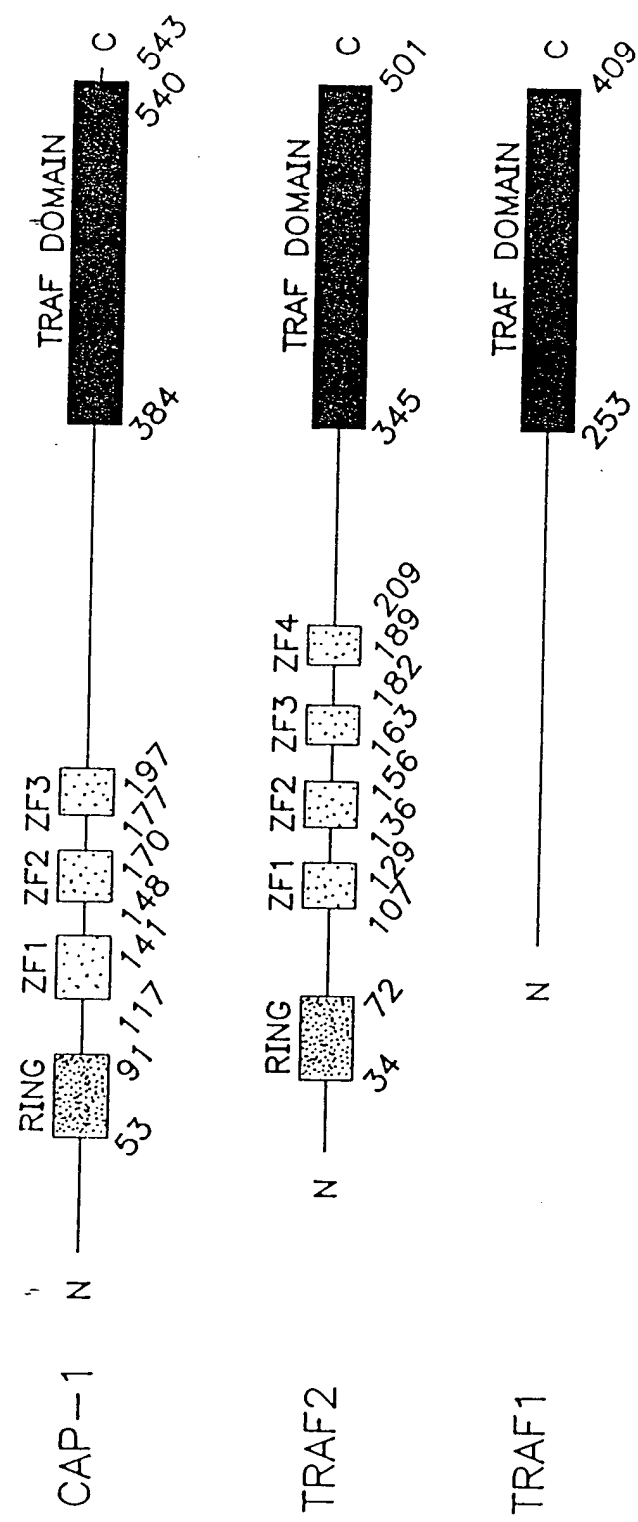
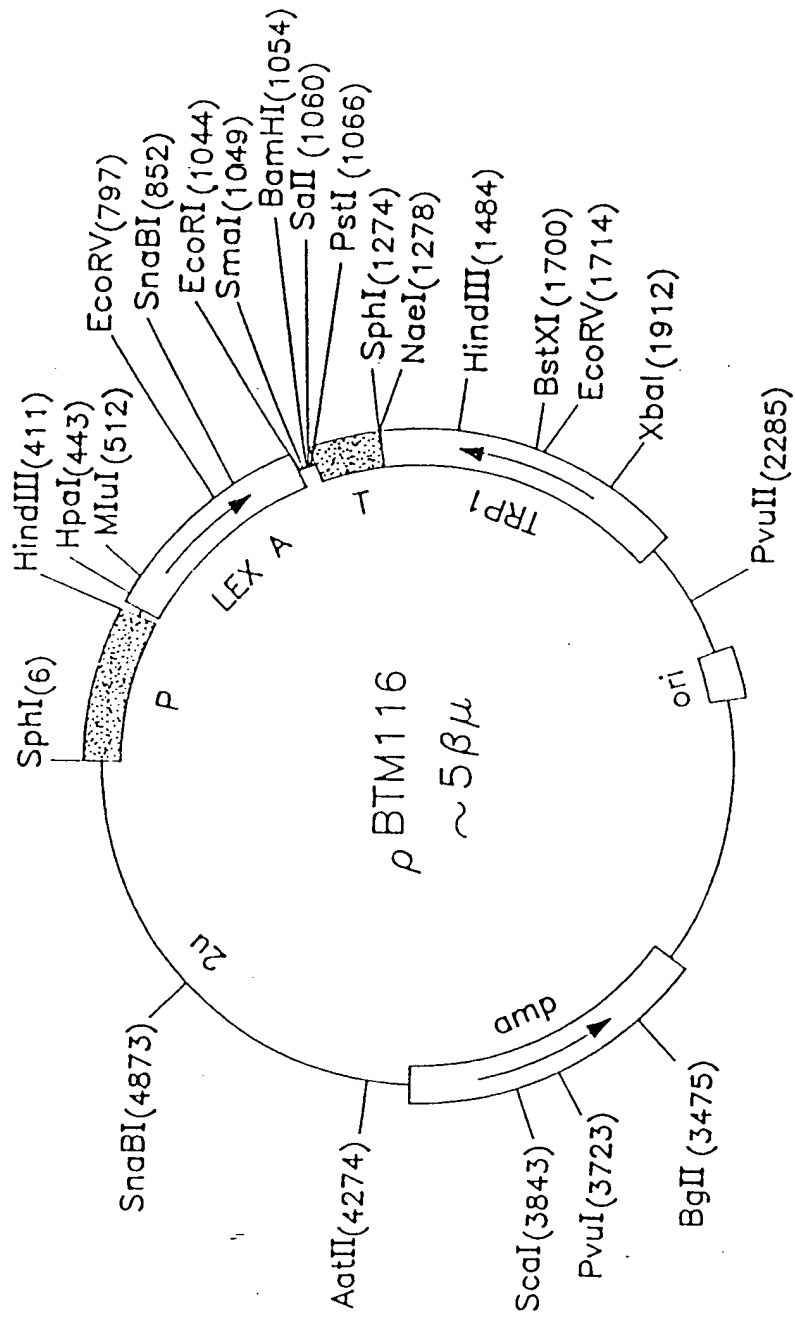


FIG. 3



POLYLINKER READING FRAME:

GAA TTC CCG GGG ATC CGT CGA CCT GCA G

EcoRI	SmaI	BamHI	SalI	PstI
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45

-136
 -79 AGAAGTGATGCCACTTGGTTAAGGTCCAGAGCAGGTCAGAATCAGACCTAGGATCA
 -79 GAAACCTGGCTCCTGGCTCCTGGCTCCCTACTCTTCTAAGGATCGCTCTGACAGAGAGAATCCTCTTTCCTAAA
 1 ATG GAG TCG AGT AAA AAG ATG GAC TCT CCT GGC GCG CTG CAG ACT AAC CCG CCG CTA AAG 60
 1 M E S S K K M D S P G A L Q T N P P L K 20
 61 CTG CAC ACT GAC CGC AGT GCT GGG ACG CCA GTT TTT GTC CCT GAA CAA GGA GGT TAC AAG 120
 21 L H T₁ D R S A G T P V F V P E Q G G Y K 40
 121 GAA AAG TTT GTG AAG ACC GTG GAG GAC AAG TAC AAG TGT GAG AAG TGC CAC CTG GTG CTG 180
 41 E K F V K T V E D K Y K C E K C H L V L 60
 181 TGC AGC CCG AAG CAG ACC GAG TGT GGG CAC CGC TCC TGC GAG AGC TGC ATG GCG GCC CTG 240
 61 C S P K Q T E C G H R S C E S C M A A L 80
 241 CTG AGC TCT TCA AGT CCA AAA TGT ACA GCG TGT CAA GAG AGC ATC GTT AAA GAT AAG GTG 300
 81 L S S S C P K C T A C Q E S I V K D K V 100
 301 TTT AAG GAT AAT TGC TGC AAG AGA GAA ATT CTG GCT CTT CAG ATC TAT TGT CGG AAT GAA 360
 101 F K D N C C K R E I L A L Q I Y C R N E 120
 361 AGC AGA GGT TGT GCA GAG CAG TTA ACG CTG GGA CAT CTG CTG CAT TTA AAA AAT GAT 420
 121 S R G C A E Q L T L G H L L V H L K N D 140
 421 TGC CAT TTT GAA GAA CTT CCA TGT GTG CGT CCT GAC TGC AAA AAG GTC TTG AGG AAA 480
 141 C H F E L P C V R P D C K E K V L R K 160
 481 GAC CTG CGA GAC CAC GTG GAG AAG GCG TGT AAA TAC CGG GAA GCC ACA TGC AGC CAC TGC 540
 161 D L R D H V E K A C K Y R E A T C S H C 180
 541 AAG AGT CAG GTT CCG ATG ATC GCG CTG CAG AAA CAC GAA GAC ACC GAC TGT CCC TGC GTG 600
 181 K S Q V P M I A L Q K H E D T D C P C V 200

FIG. 1A

601 GTG GTG TCC TGC CCT CAC AAG TGC AGC GTC CAG ACT CTC CTG AGG ACC GAG GGG ACA AAC 660
201 V V S C P H K C S V Q T L L R S E G T N 220

661 CAG CAG ATC AAG GCC CAC GAG GCC AGC TCC GCC GTG CAG CAC GTC AAC CTG CTG AAG GAG 720
221 Q Q I K A H E A S S A V Q H V N L L K E 240

721 TGG AGC AAC TCG CTC GAA AAG AAG GTT TCC TTG CAG AAT GAA AGT GTA GAA AAA AAC 780
241 W S N S L E K K V S L L Q N E S V E K N 260

781 AAG AGC ATA CAA AGT TTG CAC AAT CAG ATA TGT AGC TTT GAA ATT GAA ATT GAG AGA CAA 840
261 K S I Q S L H N Q I C S F E I E I E R Q 280

841 AAG GAA ATG CTT CGA AAT AAT GAA TCC AAA ATC CTT CAT TTA CAG CGA GTG ATA GAC AGC 900
281 K E M L R N N E S K I L H L Q R V I D S 300

901 CAA GCA GAG AAA CTG AAG GAG CTT GAC AAG GAG ATC CGG TCC TTC CGG CAG AAC TGG GAG 960
301 Q A E K L K E L D K E I R S F R Q N W E 320

961 GAA GCA GAC AGC ATG AAG AGC AGC GTG GAG TCC CTC CAG AAC CGC GTG ACC GAG CTG GAG 1020
321 E A D S M K S S V E S L Q N R V T E L E 340

1021 AGC GTG GAC AAG AGC GCG GGG CAA GTG GCT CGG AAC ACA GGC CTG CTG GAG TCC CAG CTG 1080
341 S V D K S A G Q V A R N T G L L E S Q L 360

1081 AGC CGG CAT GAC CAG ATG CTG AGT GTG CAC GAC ATC CGC CTA GCC GAC ATG GAC CTG CGC 1140
361 S R H D Q M L S V H D I R L A D M D L R 380

1141 TTC CAG GTC CTG GAG ACC GCC AGC TAC AAT GGA GTG CTC ATC TGG AAG ATT CGC GAC TAC 1200
381 F Q V L E T A S Y N G V L I W K I R D Y 400

FIG. 1B

[illegible]